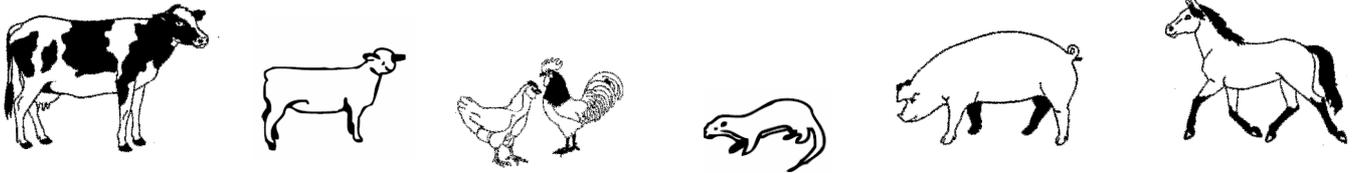




All-round

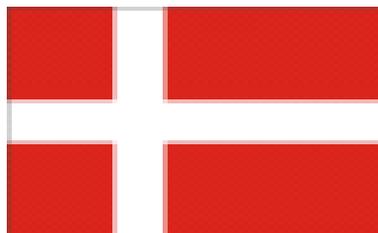
Staldren[®]



A product from



J.N. Jorenku



Staldren®

A product from J.N. Jorenku

Tel.: +45 56 21 40 70 * E-mail jorenku@jorenku.dk * www.jorenku.dk

The effective dry disinfecting product

Staldren® is a Danish product which has been thoroughly tested by recognised international laboratories is as a hygiene product being used world wide.

Staldren® is kind to the environment, and, moreover, has a well documented effect on the most common bacteria and fungi spores. (Please see our documentation)

Staldren® is phosphate free and PH-neutral, which means that it does not dissolve/or loosen floorings or stalls, and even more important dose not dry out the animal's thin skin, which can cause abrasions and cuts which can then open up for bacterial infection and disease. There is no need to use gloves while working with **Staldren®**.

Staldren® binds the ammonia to such an extent that, both humans and animals can work without the strong smell and breathing difficulties.

Staldren® absorbs damp and moisture, and is therefore particularly useful in stalls with high humidity.

Staldren® disinfects and cleans the stable environment, reduces the level of infection and, therefore, ensures healthier animals.

Staldren® can be used for all domestic animals, and is an absolute necessity for professional animal farmers.

Staldren® does not harm either humans or animals.

Directions for use:

Staldren® A handful is spread (50.100g) pr. m², twice a week is sufficient to maintain a good and healthy climate in your production unit.

Under very moist conditions or in case of heavy infection, it is recommended that **Staldren®** is sprinkled more often.

If you are in doubt or have any problems, please contact us. We mite be able to help you with experiences, that can help you.

Staldren® delivered in bags of 10 or 25 kg.

Staldren®

For Pigs

A product from J.N. Jorenku

Tel.: +45 56 21 40 70 * E-mail jorenku@jorenku.dk * www.jorenku.dk

Staldren® is a hygiene remedy in powder form, which has a very broad effect against dampness, smell, bacteria and fungal spores

Staldren® when using with pigs the following is recommended:

In Farrowing pen: Before farrowing **Staldren®** is spread over the whole pigsty. Use a good hand full (50-100g) pr. m². After farrowing use **Staldren®** 3 days in a row. Afterwards use it 2 times a week until weaning. Concentrate the use by putting **Staldren®** behind the sow, around the crib, and in the piglets' corner, as well as other damp areas inside the pig sty. This is where the bacteria thrive.

In culling sty use **Staldren®** 3 days in a row, then 2 times a week

Be sure to cover the resting area, as well as the damp areas in the pigsty.

In the slaughtering pig sty use **Staldren®** once or twice a week. This gives a better environment and has a significant reducing effect on the level of infection.

Boar rutting or pregnant sow sty spread **Staldren®** all over the pigsty. Use a good handful (50-100g) pr. m².

In the sick animal sty use **Staldren®** daily on the whole floor area.

In the despatch/receiving areas use **Staldren®** on the whole floor area, both before and after the despatch/ arrival of animals, in order to reduce the risk of infection.

In the empty stables **Staldren®** can be used with advantage by spreading it out with a blower unit, as the components in **Staldren®** have a very good effect on vira.

When using **Staldren®** continuously, you achieve the best results, as you are, all the time, reducing the level of infection and, therefore, achieve a good, pleasant smelling pig sty, for the benefit of both the animals and people.

Staldren® delivered in bags of 10 or 25 kg.



Staldren®

For cattle and calves

A product from J.N. Jorenku

Tel.: +45 56 21 40 70 * E-mail jorenku@jorenku.dk * www.jorenku.dk

Staldren® is a hygiene remedy in powder form which has a broad effect on dampness, smell, bacteria and fungal spores..

Staldren® for cattle and calves use as given below:

Spread a good handful (50-100g) per m² 2 times a week. This will work very quickly and efficiently in reducing infection. With very damp conditions or with the start of disease the amount and frequency used should be increased to every day.

In stalls **Staldren®** is spread in the rear of the box, where the damp will give a possible increase of certain bacteria, and fungi can quickly multiply in large numbers, and can, amongst other things, cause inflammation of the udder and different hoof problems.

In box stalls use **Staldren®** as mentioned above, but in wide boxes, where the cows can turn, it can be necessary to use more of the product. (The whole box must be treated)

In dry litter/straw bed stalls/boxes use **Staldren®** once a week with a good handful (50-100g)per. m².

In the cleaned calf box, spread **Staldren®** over all the floor area so that the whole box is disinfected. From here on add clean and fresh bedding and at the end add **Staldren®** again to cover the whole area. This should take place between every calving, so that the new born calf is born in a environment as clean as possible. This will prevent the possibility of infectious diseases, both with the cow and calf.

In the calf box use **Staldren®** 2 times a week with a good handful (50-100g) per. m². Make sure you cover the corner/edges of the box, where the flies normally collect. If diarrhoea occurs use **Staldren®** every day, until the outbreak has past.

With continual use of **Staldren®** you will achieve the best results, this is due to the fact that the possible infestation is being reduced all the time and, thereby, you get a nice, pleasant smelling stable environment, for the benefit of both the animals and human.



Staldren® delivered in bags of 10 or 25 kg

Staldren®

For Horses

A product from J.N. Jorenku

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Staldren® is a hygiene remedy in powder form, which has a broad efficacy on dampness, smell, bacteria and fungal spores

Staldren® is, with its drying and fungal effect, able to help reduce the cases of porous hooves and thrush.

Thrush is treated with **Staldren®** directly under the hooves.

Staldren® for horses is used as below

After cleaning out the stable **Staldren®** is spread all over the floor area with approximately 1-3 hands full (50-100g) per. m² so that the floor surface dries out and the ammonia smell is minimized

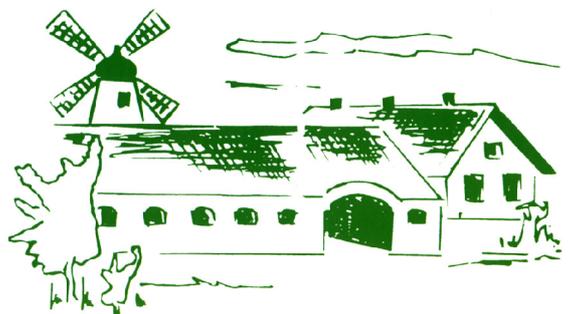
The bedding is put in the horse box and **Staldren®** spread along the edges, so that the fly eggs and larvae will dry out.

Staldren® is used, afterwards, in wet areas and where the bedding is changed 2-3 times a week **Staldren®** is spread out along the edge of the box in order to maintain the dry effect on the eggs and fly larvae.

In the cleaned foal boxes **Staldren®** is spread over the whole floor so that the box is disinfected, afterwards clean and fresh bedding is spread out. Finally **Staldren®** is again spread over the whole area, so that the new foal is in as clean an environment as possible. This prevents infectious diseases for, both the mare and the foal.

With continuous use of **Staldren®** the best results can be achieved, due to the level of infection is, continually being, reduced and thus you get a nice fresh smelling stable environment, for the benefit of both the horses and the riders.

Staldren® delivered in bags of 10 or 25 kg.



Staldren®

For Poultry

A product from J.N. Jorenku

Tel.: +45 56 21 40 70 * E-mail jorenku@jorenku.dk * www.jorenku.dk

Staldren® is a hygiene remedy in a powder form, which has a broad effect on dampness, smell, bacteria and fungal spores.

Staldren® for egg laying hens and should be used as given below:

Staldren® is used in the nesting box before the new hens are brought in to the run. Spread a small amount in each nesting box approx. 1 hand full (50-100g). Spread **Staldren®** on all surfaces (ca. 100g m²), this compares to 1 x 25kg sack per. 250 m² floor coverage.

Use **Staldren®** once a week in the nesting boxes as well as on the whole floor area, in order that the conditions are always at the highest level. This means that the bacteria are controlled, the ammonium is bound and the moisture absorbed, so that food pad injury is minimized

Staldren® is, amongst others, a very efficient product against Salmonella and Campylobacter bacteria. (See documentation)

Staldren® in the hen slaughter house:

In a 1500m² empty and clean chicken house, spread 75 kg **Staldren®** (50g.pr.m²) either with a blower or a spreader. When the area is completely covered with the "deep litter" then 50 kg of **Staldren®** is added on top of this. The chickens are then put in the house and 50 kg of **Staldren®** is then spread, with a spreader, once a week, until the hens are slaughtered. With a very wet environment or a problem with bacteria, then the amount of **Staldren®** must be increased.

If a blower is used in the empty chicken house then **Staldren®** will also have a good effect on vira.

Staldren® is PH-Neutral, which means that it is very kind to the environment, both for the hens' feet and egg laying. **Staldren®** gives a minimum of dust and is very easy to spread as well as it gives a pleasant smell in the hen house.

With continuous use of **Staldren®** you will achieve the best results, because the amount of infection will continuously be reduced and you get a pleasant smelling chicken house, for the benefit of, both the hens and people.

Staldren® delivered in bags of 10 or 25 kg.



Staldren®

For mink

A product from J.N. Jorenku

Tel.: +45 56 21 40 70 * E-mail jorenku@jorenku.dk * www.jorenku.dk

Staldren® is a hygiene product in a powder form, which has a broad effect on dampness, smell, bacterial and fungal spores. Using **Staldren®** reduces the growth conditions for flies and flea larvae.

Staldren® for mink is used as follows:

When preparing the nesting boxes before the birth period, spread **Staldren®** (approx. 50-100g) under each cage, to ensure a dry and clean environment.

If you use a birth cage, spread **Staldren®** on and under the supports.

If it is necessary to remove the straw/wood shavings from the birth cage, then the cage should, again, be treated with **Staldren®**. Use **Staldren®** 1-3 times a week on the wet areas of the puppy nets, to insure a safe and dry environment, then the sooner the pup will get hold of the drinking nipple.

If a problem should arise, with greasy skinned pups, use **Staldren®** every day on the pup, in the nesting box and on the mother's udder, until the attack is over.

Once the pup is removed then **Staldren®** is added, periodically, in order that the growth conditions for the bacteria and parasites are reduced

There are, often, good possibilities that bacteria and parasites will develop in the warm nests. It is, therefore, **very** important to prevent this by continually using **Staldren®**, This will also reduce the general infestation level on the farm as a whole, so that you achieve a higher level of general health.

Staldren® is delivered in bags of 10 or 25 kg.



Staldren[®]

For Sheep and Goats

A Product from J.N. Jorenku

Tel.: +45 56 21 40 70 * E-mail jorenku@jorenku.dk * www.jorenku.dk

Staldren[®] is a hygiene product in a powder form, which has a broad effect on dampness, smell, bacterial and fungal spores.

Staldren[®] For sheep and goats use as follows:

In the lamming box: The lamming box is thoroughly cleaned, **Staldren[®]** is spread all over the floor with 1 - 2 good handfuls (50-100g) per m² so that the whole floor area is covered with **Staldren[®]**. Afterwards, the floor is covered with straw, and **Staldren[®]** again is added with 1-2 handfuls. (50-100g)per m². Make sure the powder is spread well into the corners and edges, so that the flies eggs and larvae will be dried out.

Staldren[®] is spread out between the slats, so that the new born lamb/kid gets the best possible start in life

In deep litter stalls: spread **Staldren[®]** with a good handful (50-100g) per. m² on the whole floor before the straw is spread out. **Staldren[®]** should be spread out on top of each covering.

With continuous use of **Staldren[®]** you will achieve the best results, because the disease pressure is continually being reduced and, thereby, you get a pleasant smelling stall environment, for the benefit of both the animals and human.

Staldren is delivered in bags of 10 or 25 kg



Attachment 9 to certificate of analysis Test nr. DKE 016078-06 and 0074-06

Method:

4 g of Staldren is dissolved in a 5 ml physiological Natrium Chloride solution. The solution of Staldren and a control without Staldren (9 ml. physiological saltwater) has been inoculated with each of 1 ml. bacteria or fungus suspension.

The mixtures are being kept aerobt/anaerobt/mikroaerofilt depending on the atmospherically demands. The solutions are kept at room temperature. The amounts of bacteria's are decided after 1 hour and 2 days.

Result:

| | Staldren | | Control without Staldren | |
|--|-------------|-------------|--------------------------|-----------------|
| | 1 hour | 2 days | 1 hour | 2 days |
| E. coli 0157 | <10CFU/ml | <10 CFU/ml | 140 mio CFU/ml | >200 mio CFU/ml |
| Aspergillus niger ATCC 16406 | <100 CFU/ml | <100 CFU/ml | 150.000 CFU/ml | 500.000 CFU/ml |
| Clostridium perfringens ATCC 13124 | <100 CFU/ml | <10 CFU/ml | 20 mio CFU/ml | 1,9 mio CFU/ml |
| Streptococcus uberis ATCC 9927 | <10 CFU/ml | <10 CFU/ml | 43 mio CFU/ml | 1,9 mio CFU/ml |
| Salmonella typhimurium ATCC 25241 | <10 CFU/ml | <10 CFU/ml | >10mia CFU/ml | >1 mia CFU/ml |
| Staphylococcus aureus ATCC 25923 | <10 CFU/ml | <10 CFU/ml | 100 mio CFU/ml | 1, 2 mia CFU/ml |
| Streptococcus suis serovar nr. 7 | <10 CFU/ml | 10 CFU/ml | 1500 CFU/ml | 6 mio CFU/ml |
| C ampylobacter jejuni ATCC 29428 | <10 CFU/ml | <10 CFU/ml | 6 mio CFU/ml | >10 mio CFU/ml |
| Klebsiella Pneumoniae | 40CFU/ml | 40CFU/ml | 4,2mioCFU/ml | 36mioCFU/ml |

A powerful product

Staldren®



**The efficient hygienic compound
from J. N. Jorenku**

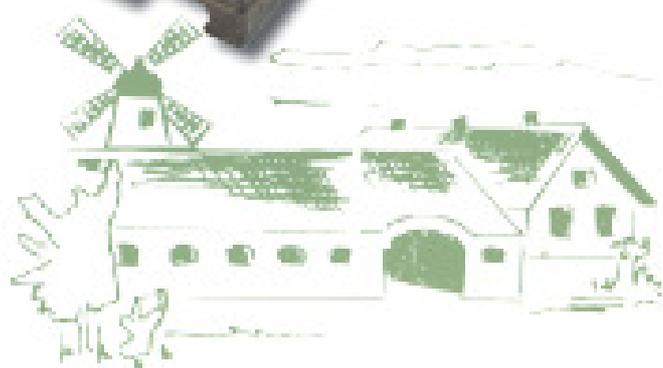
- PH-neutral
- No corrosion
- No phosphates
- Gentle to the environment
- Binds ammonia
- No clumps
- Does not contain bentonite
- Non-sticking
- Ideal for slatted floors
- Practical plastic sack

**Effective against
campylobacter, salmonella
and E. coli**

**Make your life easier..
Let your animals feel the
difference..**

**Can be used
with all animals and poultry**

**Documented efficacy
against bacteria and fungal spores**



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